



United States  
Department of  
Agriculture

Forest  
Service

Northeastern Area  
State & Private  
Forestry

180 Canfield Street  
Morgantown, WV 26505-3101

File Code: 3400

Date: October 11, 2001

Mr. Robert C. Ridgway  
Environmental Office  
Federal Research Center at White Oak  
10903 New Hampshire Avenue  
Silver Spring, MD 20903-1069

Dear Mr. Ridgway:

On September 11, 2001, USDA Forest Service personnel conducted a gypsy moth egg mass survey at the Federal Research Center at White Oak. The purpose of the survey was to determine gypsy moth population densities and to assess the potential for defoliation and the need for treatment in 2002.

Gypsy moth survey plots were randomly selected based upon available host trees (oak species), size of sample area and uniformity between egg mass counts. At each sample point, a 1/40<sup>th</sup> acre fixed radius plot was established. The plots consisted of a tally of all the new (2001) egg masses observed on the overstory trees, understory vegetation, ground litter and duff. The total number of egg masses observed for each plot was multiplied by 40 to determine the number of egg masses per acre.

The location of the survey plots are shown in Figure 1. In brief, egg mass densities ranged from 0-240 and averaged 33 egg masses per acre (Table 1). Since no noticeable defoliation is expected from this low but building gypsy moth population, treatment is not recommended in 2002.

Please call Rod Whiteman at (304) 285-1555 if you have any questions regarding this egg mass survey.

Sincerely,

EDWARD T. CESAS  
Acting Field Representative  
Morgantown Field Office

Enclosures

cc: Robert Tichenor, MDA  
Sally Hughes, MDA  
Betsie Handley, MDA  
Noel Schneeberger, AO

ETC/RLW/blm



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**Table 1.—Gypsy moth egg mass survey results at the Federal Research Center at White Oak, September 11, 2001**

<b>Plot number</b>	<b>Number of egg masses per acre</b>
1	40
2	0
3	240
4	0
5	0
6	40
7	40
8	0
9	0
10	0
11	0

**em/acre range = 0-240**

**em /acre average = 33**

Figure 1.-- Gypsy moth egg mass plot locations at the Federal Research Center at White Oak, September 11, 2001.

